



























DMX CHANNEL'S FUNCTIONS AND THEIR VALUES (39DMX CHANNELS) - V201

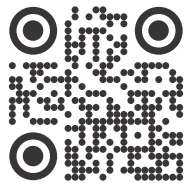
Mode/Channel			Function	Value	Default Value
Ba	Std	Ex			
1	1	1	PAN Movement 8bit	0-255	128
	2	2	Pan Fine 16bit: Fine control of Pan movement	0-255	0
2	3	3	TILT Movement 8bit	0-255	128
	4	4	Tilt Fine 16bit: Fine control of Tilt movement	0-255	0
3	5	5	Speed Pan/Tilt Movement	Max to min speed	0-225
				Blackout by movement	226-235
				Blackout by all wheel changing	236-245
				No function	246-255
4	6	6	Shutter, Strobe	Shutter closed	0-10
				No function (Shutter open)	11-20
				Strobe effect slow to fast	21-117
				No function (Shutter open)	118-126
				Pulse-effect in sequences	127-180
				No function (Shutter open)	181-191
				Random strobe effect slow to fast	192-245
				No function (Shutter open)	246-255
5	7	7	Dimmer Intensity: Intensity 0 to 100%	0-255	0
	8	8	Dimmer Intensity Fine	0-255	0
6	8	9	Reserved		
7	9	10	Reserved		
8	10	11	Reserved		
9	11	12	Zoom: From small to big	0-255	128
		13	Zoom Fine	0-255	0
10	12	14	Focus: From near to far	0-255	128
		15	Focus Fine	0-255	0
11	13	16	Auto Focus	Auto Focus Off	0-50
				5 m	51-100
				7,5 m	101-150
				10 m	151-200
				15 m	201-255
12	14	17	Auto Focus Fine	0-255	0
13	15	18	Colour Wheel	Open/White	0-3
				Colour 1: CTB 	4-7
				Colour 2: Magenta 	8-11
				Colour 3: Congo Blue 	12-15
				Colour 4: Green 	16-19
				Colour 5: Orange 	20-23
				Colour 6: Light Blue 	24-27
				Colour 7: Red 	28-31
				Colour indexing	32-127
				Forward rainbow effect from fast to slow	128-189

Mode/Channel			Function	Value	Default Value
Ba	Std	Ex			
13	15	18	Colour Wheel	No rotation	190-193
				Backwards rainbow effect from slow to fast	194-255
		19	Colour Wheel Fine	0-255	0
14	16	20	Cyan Colour (0-white, 255-100% Cyan)	0-255	0
		21	Cyan Colour Fine	0-255	0
15	17	22	Magenta Colour (0-white, 255-100% magenta)	0-255	0
		23	Magenta Colour Fine	0-255	0
16	18	24	Yellow Colour (0-white, 255-100% Yellow)	0-255	0
		25	Yellow Colour Fine	0-255	0
17	19	26	CTO Colour: CTO (0-white, 255-100% CTO)	0-255	0
		27	CTO Colour Fine	0-255	0
18	20	28	Rotating Gobo Wheel	Open	0-9
				Rot. gobo 1: Dot Line 11 	10-19
				Rot. gobo 2: Star Field 	20-29
				Rot. gobo 3: Nested Triangle 	30-39
				Rot. gobo 4: Infinite Stairs 	40-49
				Rot. gobo 5: Vortex 	50-59
				Rot. gobo 6: Black & White Target 	60-69
				Rot. gobo 7: Nested Rings Yellow 	70-77
				Gobo 1 shake slow to fast	78-93
				Gobo 2 shake slow to fast	94-109
				Gobo 3 shake slow to fast	110-125
				Gobo 4 shake slow to fast	126-141
				Gobo 5 shake slow to fast	142-157
				Gobo 6 shake slow to fast	158-173
				Gobo 7 shake slow to fast	174-189
			Gobo wheel rotation forwards from fast to slow	190-221	
			No rotation	222-223	
			Gobo wheel rotation f backwards from slow to fast	224-255	
19	21	29	Rotating Gobo Wheel Index, Rotation	Gobo indexing	0-127
				Forwards gobo rotation from fast to slow	128-189
				No rotation	190-193
			Backwards gobo rotation from slow to fast	194-255	
		30	Rotating Gobo Wheel Index, Rotation Fine	0-255	0
20	22	31	Static Gobo Wheel	Open	0-9
				Gobo 1: Conical Tunnel Effect 	10-19
				Gobo 2: Smoke Rings 	20-29
				Gobo 3: Fireworks 	30-39
				Gobo 4: Abstract Square 	40-49
				Gobo 5: Iron Filings 	50-59
				Gobo 6: Lost In The Brain 	60-69

Mode/Channel	Function	Value	Default Value	
20 22 31	Static Gobo Wheel	Gobo 7: Deep Forest 	70-79	0
		Gobo 8: Tree Bark 	80-89	
		Gobo 9: Mirror Ball 	90-99	
		Gobo 1 shake slow to fast	100-109	
		Gobo 2 shake slow to fast	110-119	
		Gobo 3 shake slow to fast	120-129	
		Gobo 4 shake slow to fast	130-139	
		Gobo 5 shake slow to fast	140-149	
		Gobo 6 shake slow to fast	150-159	
		Gobo 7 shake slow to fast	160-169	
		Gobo 8 shake slow to fast	170-179	
		Gobo 9 shake slow to fast	180-189	
		Clock-wise scroll from fast to slow	190-221	
		Reserved	222-223	
		Counter clock-wise scroll from slow to fast	224-255	
21 23 32	Animation Wheel	Open 	0-7	0
		Forwards rotation from fast to slow	8-127	
		No rotation 	128-135	
		Backwards rotation from slow to fast	136-255	
22 24 33	Iris	Max. diameter to Min.diameter	0-191	0
		Pulse closing fast to slow	192-223	
		Pulse opening slow to fast	224-255	
	34 Iris Fine	0-255	0	
23 25 35	Prism	Open	0-127	0
		5-facet circular prism 	128-255	
24 26 36	Prism Index, Rotation	Prism indexing	0-127	0
		Forwards prism rotation from fast to slow	128-189	
		No rotation	190-193	
		Backwards prism rotation from slow to fast	194-255	
	37 Prism Index, Rotation Fine	0-255	0	
25 27 38	Frost: 0-100% frost	0-255	0	
26 28 39	Control, Reset, Internal Programs	unused	0-9	0
		Display Off	10-14	
		Display On	15-19	
		Display Invert Off	20-24	
		Display Invert On	25-29	
		Auto fan control mode	30-31	
		Stage fan control mode	32-33	
		Silence fan control made	34-35	
		Super Silence fan control mode	36-37	
		Constant Fans Off	38-39	
		Constant Fans On	40-41	

Mode/Channel	Function	Value	Default Value	
26 28 39	Control, Reset, Internal Programs	unused	42-49	0
		Square Law	50-54	
		Linear	55-59	
		1.2 K	60-63	
		2.4 K	64-67	
		16 K	68-71	
		25 K	72-74	
		Gobo correction Off	75-76	
		Gobo correction On	77-79	
		All motor reset	80-84	
		Scan motor reset	85-87	
		Colours motor reset	88-90	
		Gobo motor reset	91-93	
		unused	94-96	
		Other motor reset	97-99	
		Internal program 1 (scene 1-8 of EEPROM)	100-119	
		Internal program 2 (scene 9-16 of EEPROM)	120-139	
		Internal program 3 (scene 17-24 of EEPROM)	140-159	
Internal program 4 (scene 25-32 of EEPROM)	160-179			
Internal program 5 (scene 33-40 of EEPROM)	180-199			
Internal program 6 (scene 41-48 of EEPROM)	200-219			
Internal program 7 (scene 49-56 of EEPROM)	220-239			
Internal program 8 (scene 49-56 of EEPROM)	240-255			

Errors and omissions for all information given in this DMX chart are possible. All information is subject to change without prior notice.



SCAN FOR MORE

www.ayrton.eu



AYRTON
Digital Lighting